



Cinema Management and Booking System

Name:

Add Reservation

Description:

This use case covers the creation of a new booking by the user including entering all of the customer details if necessary.

Actors:

Administrative staff

Triggers:

The use case is triggered by ticket appointment from a potential customer (in person or using apps or whatever).

Preconditions:

None

Postconditions:

After the use case is completed, there will be a ticket reserved or the customer will be informed that there is no ticket available for a film during a particular timeslot.

Course of events:

Basic course of events:

1. The user performs the "display time, screen number for each film" use case.
2. There is a ticket available for a particular film at the correct time. The user selects the add reservation function.
3. The system displays a dialog to enter the reservation details.
4. The user enters the customer's name, phone number, **time**, **film name** and **ticket numbers**.
5. The system remembers the new reservation and updates the display.

Alternate course of events:

1. The user performs the "display time, screen number for each film" use case.
2. There is **no or not enough** ticket available at the date and time for the film ticket that the customer has requested.

Alternate course of events: (walk in)

1. The user performs the "display time, screen number for each film" use case.
2. There are tickets available. The user selects the add reservation function.
3. The system displays a dialog to enter the reservation details.
4. The user enters the customer's name, phone number, **time**, **film name** and **ticket numbers**.
5. The system warns the user that the tickets selected are not enough for the booking made for and asks the user to confirm if this is ok.
6. The user selects yes.
7. The system remembers the new reservation updates the display (reduce the ticket number in accordance).
8. The user selects no.
9. The system returns to step 3

Exceptional course of events:

1. The user performs the "display time, screen number for each film" use case.
2. There are tickets available. The user selects the add reservation function.
3. The system displays a dialog to enter the reservation details
4. The user enters the customer's name, phone number, **time**, **film name** and **ticket numbers**.
5. The system warns the user that this reservation overlaps with a previous booking and returns to step 3.

Extension Points:

None

Inclusion:

Display Time, Screen Number for each Film